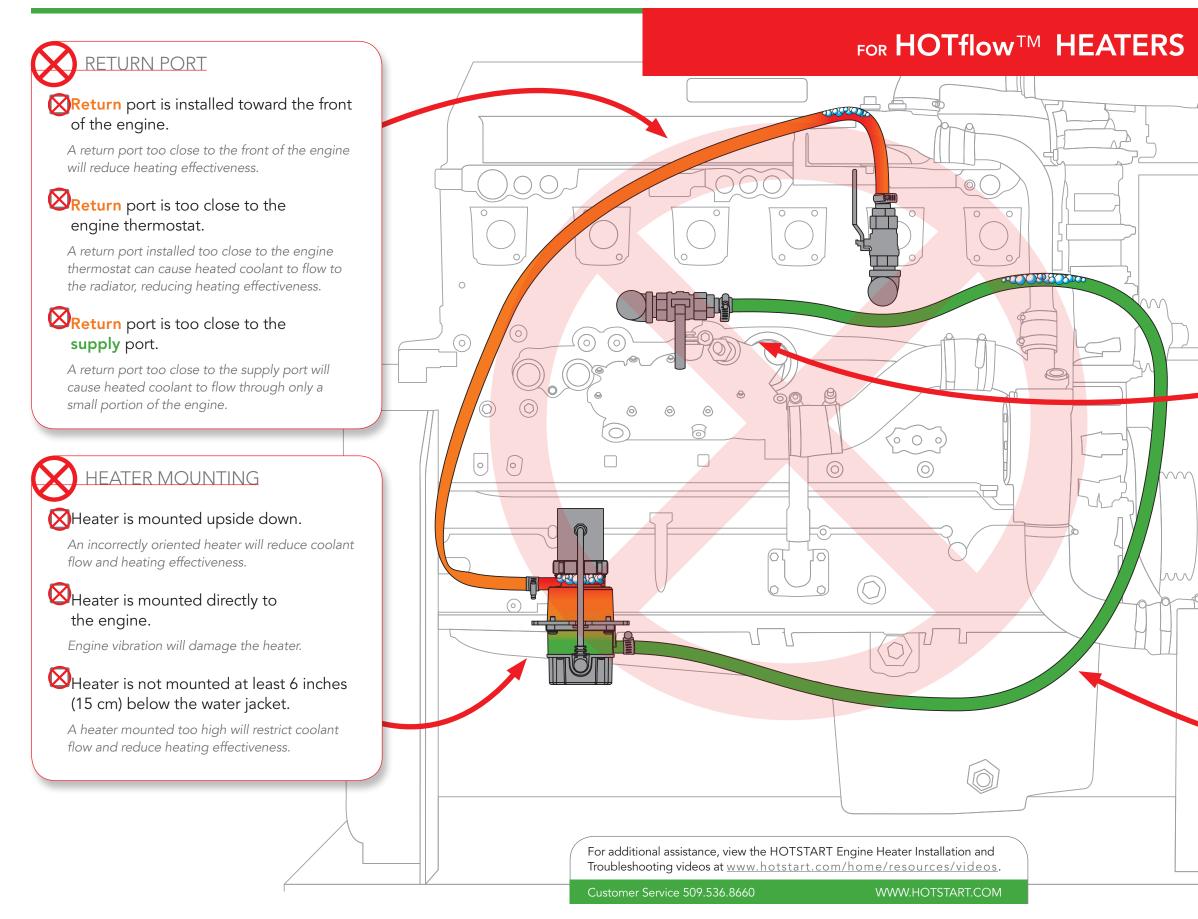


CTM	1000–2500 watts	3/8 inch NPT
CSM	3000–12000 watts	3/4 inch NPT

СТМ	1000–2500 watts	5/8 inch
CSM	3000–12000 watts	1 inch

INSTALLATION PROBLEMS & HAZARDS



SUPPLY PORT

Supply port is installed toward the rear of the engine.

A supply port mounted too close to the rear of the engine will reduce heating effectiveness.

Supply port isolation valve is closed.

Operating the heater without the presence of coolant will cause overheating and damage the heater.

HOSES & PORTS

Return hose is kinked or damaged.

Kinked or damaged hoses will reduce coolant flow.

Return hose does not continuously rise to the port.

A return hose that does not continuously rise may create high points, restricting coolant flow.

Supply hose is unnecessarily long.

Unnecessarily long hoses may create dips and bends, collecting air bubbles and restricting coolant flow.